

(No Model.)

H. H. SAWYER.
HOLDER FOR ELECTRIC LIGHT SHADES.

No. 411,396.

Patented Sept. 17, 1889.

Fig. 1.

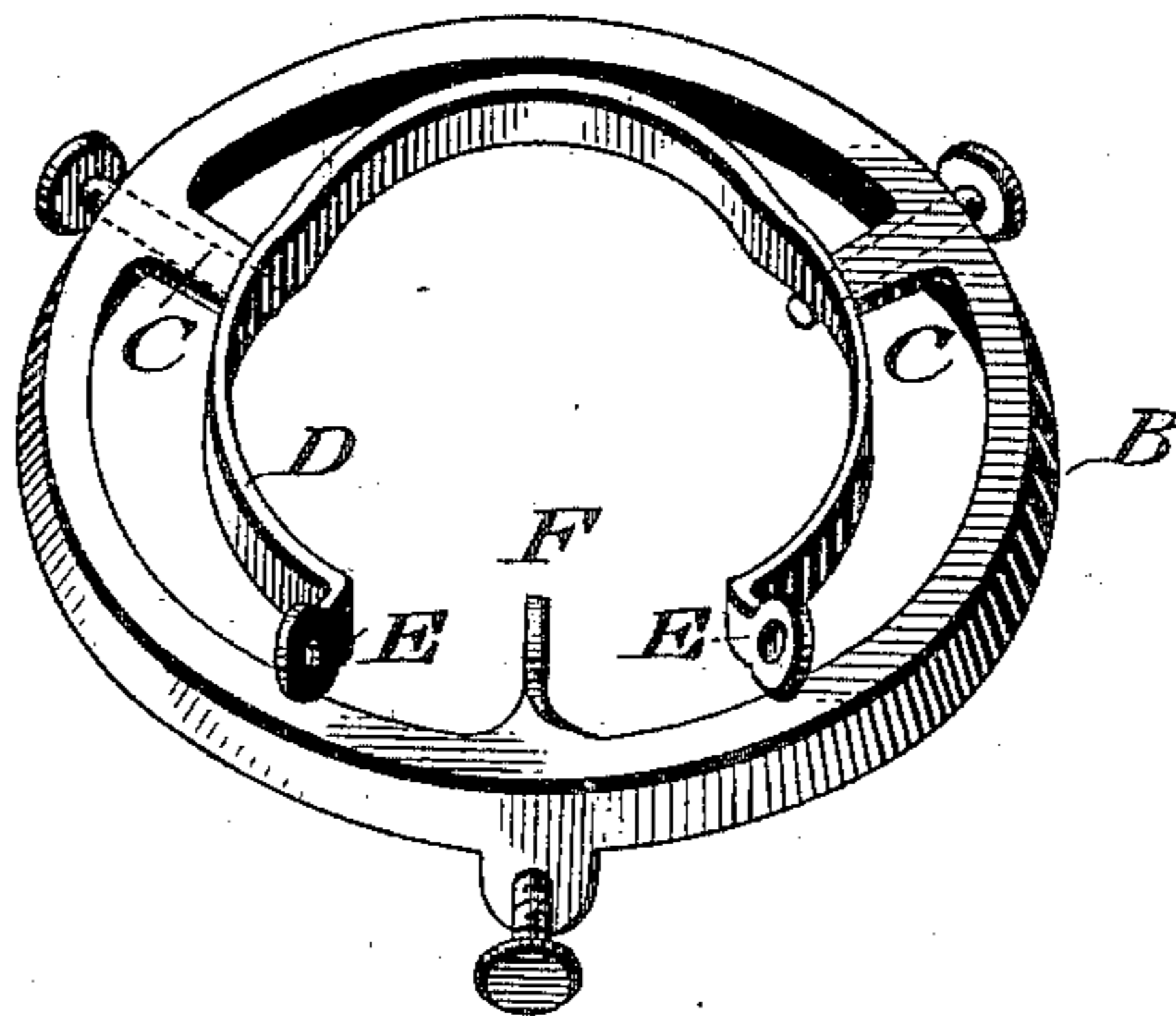
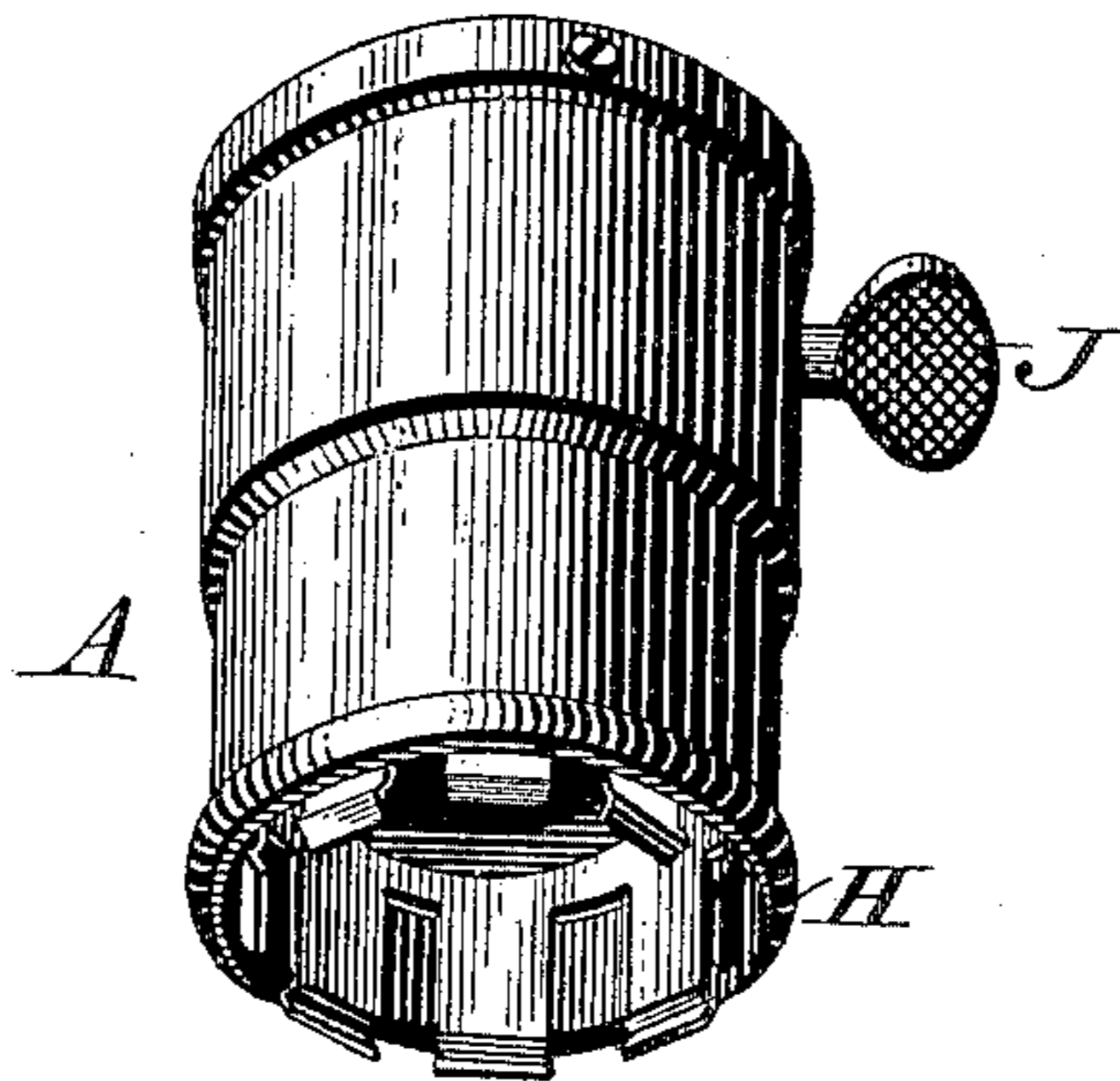
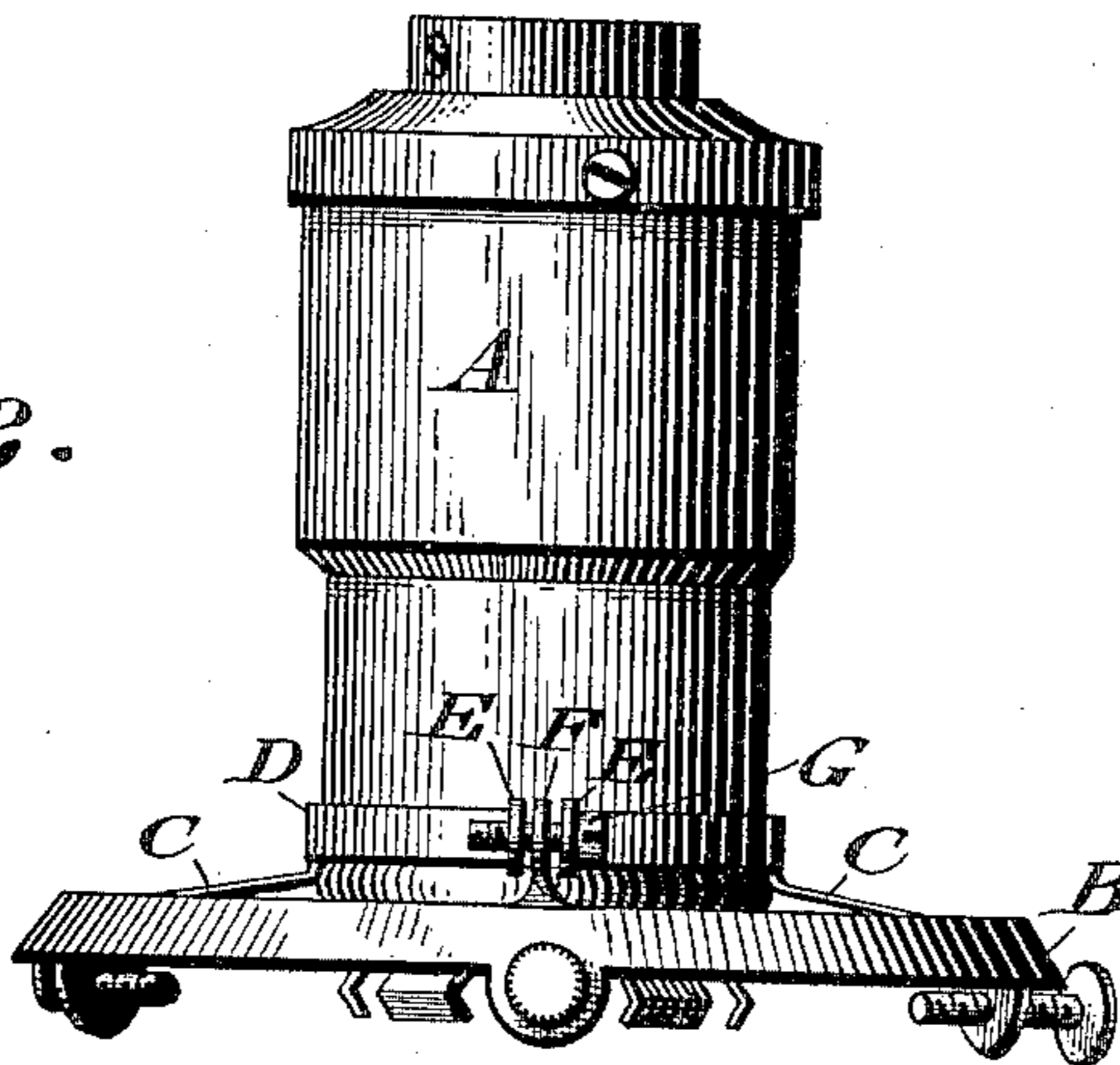


Fig. 2.



WITNESSES:

P. H. Taggart.
L. Douville.

INVENTOR:

Harry H. Sawyer,
BY John A. Diederichsen
ATTORNEY.

UNITED STATES PATENT OFFICE.

HARRY H. SAWYER, OF RIDLEY PARK, ASSIGNOR OF ONE-HALF TO THE THACKARA MANUFACTURING COMPANY, OF PHILADELPHIA, PENNSYLVANIA.

HOLDER FOR ELECTRIC-LIGHT SHADES.

SPECIFICATION forming part of Letters Patent No. 411,396, dated September 17, 1889.

Application filed June 27, 1889. Serial No. 315,748. (No model.)

To all whom it may concern:

Be it known that I, HARRY H. SAWYER, a citizen of the United States, residing at Ridley Park, in the county of Delaware and State of Pennsylvania, have invented a new and useful Improvement in Holders for Electric-Light Shades, which improvement is fully set forth in the following specification and accompanying drawings.

My invention relates to improvements in holders for the shades of electric lights; and it consists in the construction of such holders whereby they may be readily applied to and removed from the collar or sleeve, as will be hereinafter fully set forth.

Figure 1 represents a perspective view of a shade-holder for electric lights embodying my invention, the same being separated from the casing of the switch-chamber. Fig. 2 represents a side elevation of the holder, the same being in position on said casing.

Similar letters of reference indicate corresponding parts in the two figures.

Referring to the drawings, A designates the casing, collar, or sleeve of an electric light, the same being of usual construction.

B designates a holder or ring for the shade of an electric light, said holder having inwardly-extending radial arms C, to which is secured a band or ring D of flexible or elastic material, the ends of said band having eyes E, which, as will be seen, are on opposite sides of the ear F, which is formed with the periphery of the holder B and projects inwardly therefrom.

G designates a screw, which is passed through the eyes E and ear F, thus connecting said ear with said eyes and clamping the holder on the casing A.

It is well known that owing to the bead, collar, or shoulder H on the end of the collar A it is difficult to apply the holder to the same, owing to the obstruction occasioned by said shoulder. This is, however, remedied by my construction, it being seen that when the screw G is removed the eyes and ears are disconnected, after which the free ends of the band D may be spread apart to such extent that the band may be passed over the

shoulder and located upon the collar A, which being accomplished the band is bent or closed on the collar, the eyes of the band approaching the ear F. The screw is now fitted in the ear and eyes and engages with threads on either of the same, whereby the diameter of the band is reduced and the band firmly connected with the ear F, so that the holder is tightly clamped upon the collar and prevented from disconnection.

Should it be desired to remove the holder from the collar, the screw G is loosened and displaced, whereby the ends of the band may be bent outwardly and separated, thus providing a wide passage, permitting the band to clear the shoulder of the collar and the holder to be fully removed.

It will be seen that the ear F is integral with the holder and bent therefrom in such manner as to locate its opening in line with the openings of the eyes E, and thus serves to support the band D in connection with the arms C, which latter are so disposed that considerable portions of the length of the band are left free to be spread apart, in order to be conveniently passed over the shoulder on the collar.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A holder for the shade of an electric light, consisting of a shade-holding ring, arms connected therewith, a clamping-band having eyes and attached to said arms, and an ear on the ring with which the eyes of said band are removably connected, substantially as described.

2. A holder for the shade of an electric light, consisting of a shade-ring, arms, and an ear projecting inwardly therefrom, a distensible band connected with said arms and provided with ears, and a screw which is passed through said ear and eyes, substantially as described.

HARRY H. SAWYER.

Witnesses:

JOHN A. WIEDERSHEIM,
L. JENNINGS.